

Next GARS meeting on June 8 @ 7:00 p.m.
Maxon Antennas and Field Day- David KA4KKF

The GArzette

The official newsletter of the Gwinnett Amateur Radio Society —
June 2010 <http://www.gars.org/> Volume 19, Issue 6

June meeting will be held at Sweetwater Park

**The June meeting will be held under the pavilion at our new Field Day location:
800 Bethesda School Road, Lawrenceville, 30044
<http://bit.ly/9TGeID>**

- Meeting will start at 7:00PM
- Come early bring a brown bag dinner
- We will keep club business to a minimum
- David KA4KKF will do a show and tell on Moxon antennas
- We will talk about Field Day and the FD antenna build projects
- We'll have an "ice cream social"
- Donuts and drinks will be served as usual
- Bring your own fold up chair - we may not have enough seating and the tables are spread apart

Opened in summer 2007, Sweet Water Park is Gwinnett County's first "urban park," which features a large open pavilion, porch swings, a plaza area with seating, trees, and landscaping, playgrounds, picnic areas with grills, basketball and tennis courts, horseshoe pits, and a sand volleyball court.



Field Day 2010 with GARS

Come out and have some ham radio fun with GARS. We will be setup in a new locations this year. Sweetwater Park off Bethesda School Road. So new challenges, new operating positions, new bugs, new terrain, new neighbors. The pavilion is huge and should house the whole operation if we want it to. Room to cook, meet and actually operate the radios. .

2010 DACULA MEMORIAL DAY PARADE

This was the 17 annual Dacula Memorial Day parade and it seemed to include many more people than in previous years. The parking lot at Hebron Baptist Church was more crowded than I have seen it on parade day in any previous year. There were 145 participants and any one of the 24 GARS volunteers will tell you that one participant can easily represent dozens of vehicles and as many as 200 people. It was heartening to see so many people willing to participate in memory of our veterans. And in spite of the threat of rain hundreds more lined the parade route to remember and honor those who have served our country.

GARS made sure the participants were lined up and moved out on time and in the proper order. At exactly 10:00 AM the police and fire trucks led the way down Dacula Road. One hour and twenty five minutes later the last of the participants left the main entry. Included was the GARS

Continued on 9

May meeting, Paul KA4YZR shows off some of the radio equipment used by the CAP



A note from the Dacula Memorial Day Organizer!

Here is a big THANK YOU to all of you that participated in the 17th Annual Dacula Memorial Day parade. Thank you for taking time to join us in Dacula to Respect, Honor and Remember our Veterans on Memorial Day. Your participation helped to make this a very successful event in our community with the largest and best parade we have ever had.

We were blessed with good weather and a great crowd again this year.

I hope to see you again next year!

I want to thank the Gwinnett Amateur Radio Society (GARS) for their continued involvement with the line-up of the parade. They do a great job year after year.

Sincerely,

Marvin Atherton



Ralph's Field Day Story

I was a newly minted Tech when my first Field Day rolled around in 2008. I still wasn't quite sure what my niche in Ham Radio was going to be, but a couple of experiences affected me and got me headed in the right direction.

I believe it was the GARS meeting one month before Field Day 2008 – an antenna

building session. David Adcock (KA4KKF) led the session where the dipoles were being built and tested for Field Day. Was that all there was to it??? Four dipoles and two Moxons later my attic is full.

Field Day arrived and I wasn't quite sure what to do first, so I spent the better part of an hour walking around checking out the different stations and

watching what was going on. Two things impressed me. The first was PSK-31. I thought this was a mode I would like to get into and encouraged me into getting my General Class license later that year so I could work 20M PSK. The second experience happened over dinner. I was eating with Paul Kelley (W4KLY) and Dozier Griffith (WA4DEO) – the subject of our conversation escapes me but I'm sure it was radio related and probably over my head. While we were eating, the CW station was unattended but you could still hear stations calling through the receiver. As we were talking with one another, Dozier blurts out "We already worked that guy." So let me get this straight – while they are holding a conversation with me, they're still processing CW. I was impressed. If I learn CW one day, and I will, it will be because of this experience and those two gentlemen.

Ralph Pickwick
KJ4CNC

BSA Venture Crew 73 Wants You

If you are between 14 and 21 years old, enjoy outdoor activities and have an interest in radio technology, Venture Crew 73 is for you.

- Venture Crews are part of the Boy Scouts of America.
- Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.
- Venture crew 73 is coed.
- Meetings are on the second Tuesday of the month, 7:00 p.m., at the St. Marguerite D'Youville Catholic Church, 85 Gloster Rd. NW, Lawrenceville, GA 30044.
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month. We enjoy:
 - o Camping
 - o Hiking
 - o Horse Back Riding
 - o Shooting Sports
- Crew activities usually mix high adventure and the use of amateur radio.
- For more information, either show up at our next meeting or contact:

Steve Back, WB2OGY, Venture Crew 73 Committee Chairman

- o Phone: 770-712-9069
 - o Email: committeechair@venturecrew73.org
- Jeff Lee, AF4JL, Venture Crew 73 Advisor
- o Phone: 678-475-3165
 - o Email: advisor@venturecrew73.org



A note from the President

Well, folks, June is finally here. June 26-27th, the last weekend of the month, is Field Day, the ham radio operators' holiday. This is the big one, the one we prepare for all year. Also known as the biggest cookout in the country. Field Day is an event where we use radio to make contacts all across North America to practice for emergencies. It is also a social event, an eating event, and a learning event. It is all rolled around a contest for points where we compete with other radio clubs. The competition gives the event a reason to keep a quick pace, and also gives the clubs the opportunity to get bragging rights. It is no wonder it takes all weekend to pack in all the activities. GARS does Field Day in a big way, and you should do yourself a big favor by finding the time to come out and join in.

I am getting ahead of myself though. On June 8th, we have our monthly GARS meeting. The church where we normally meet was over booked, so we are having our meeting at Sweetwater Park where we will be having our Field Day event. We are going to meet at 7:00PM under the pavilion, go over our Field Day plans, and have an ice cream social. It should be a great event to get to know your fellow hams better and to have a lot of fun. I hope to see all of you there.

Continuing my backwards trek, on June 5th, the Atlanta Radio Club's ham fest will be at Jim Miller park in Marietta. This is a ham fest that GARS is fairly active in. We will have a membership table inside, an equipment table outside, and will be sponsoring the antenna launcher competition again this year. Always a lot of fun, and not too far from home, you should put this one on your calendar.

June is a great month for amateur radio. But when I think about it, they all are.

73,
Kyle W4KDA

On the world wide web, de ND4V

Looking for technical stuff? The web is full of answers ... and some of them are even right answers.

For example, did you ever have a friend ask you where (s)he should start studying to learn electronics?

Well, I stumbled on a website in the UK that to my thinking is just right. It is "The Electronics Club" and it's at <http://www.kpsec.freeuk.com/study.htm> The site makes good use of animation to demonstrate visually how things work.

Did you ever need a quick refresher course in Kirchoffs Law? Aw, come on, I know you sit around figuring the voltage drop across the lights in your holiday decorations. But when the circuit has more than one node, it gets tricky. For the how to's check out the "All About Circuits" page at http://www.allaboutcircuits.com/vol_1/chpt_6/2.html

Did you ever master the Eli the Ice man poem? Check out this award winning web site at Georgia State University <http://hyperphysics.phy-astr.gsu.edu/hbase/hph.html> Eli's story is located further inside at <http://hyperphysics.phy-astr.gsu.edu/hbase/electric/phase.html>

ELI the ICE Man

By Calvin A. Sessions

ELI the ICE Man, who lives in a cave,
Knows how inductors and capacitors behave.

Determining their phases is his favorite game.

If you ever need help, just call out his name.

The current through inductors lag, you can tell,

Because when you spell "ELI," "I" is after "L."

When you look at "ICE," you will see,
The current of a cap leads; "I" is before "C."

If you spell out his name, "E" is in sight,
But we do not talk about voltage relationships,
It's impolite.

Another Field Day widget!

How to mount a HamStick for 20m to fiberglass/aluminum military poles.

When discussing how to get PSK on 20m at Field Day, someone suggested a HamStick on the top of some military poles. Well, I have the poles and stand, but no way to mount the HamStick. I put the question out on the repeater one afternoon and someone suggested going to Lowes/HD and look through their electrical supplies. So, I did. I wanted something that would slip over the top and hold the 3/8-24 threaded HamStick. I found a square junction box about 2" deep and a cover. I figured that if I drilled or punched a hole in the lid and the box, it would hold itself parallel. We found a chassis punch that was close then we reamed the holes to fit over the small (male) section of the pole. Then we drilled a 1/2" hole for the 3/8 to UHF adapter that generally holds a HamStick. The adapter was too short to allow attaching a PL259. It would have required taking the box apart when assembling the antenna. I looked for some type of extension and came up with an old BlitzBug. The BlitzBug is an inline spark arrester. I have a couple in the junk box. It worked just fine. I'll connect four 16ft or so

sections of wire to the electrical box and on the other end I'll tie off the guy ropes. So, one more item is mostly out of the way in preparation for GARS Field Day 2010.

Thanks Mike, ND4V and Paul, W4KLY for all the help getting this gadget together..

Norm, WA4ZXV



GARS General Meeting Minutes

May 11, 2010

1. Kyle Albritton, W4KDA, President, called the meeting to order at 7:03 pm.
2. Introductions of first time visitors and others present were made.
3. Business:
 - a. Treasurer's Report – Ralph Pickwick, KJ4CNC, reported the following:
 - i. CD balance \$6,201.
 - ii. Money Market balance \$1,986.
 - iii. Checking Account balance \$5,660.
 - iv. Total \$13,848.
 - v. Field Day T-shirts will be navy blue w/white logo. T-shirts can be ordered on the GARS.org website
 - vi. Executive Committee voted to give a \$100 donation to the Alpha Team K9 Search and Rescue group
 - b. Earl Whatley, AF4FG, reminded everyone that the Dacula Memorial Day parade is coming up on May 31 and 20+ volunteers will be needed. More information will be available on the web site (www.gars.org).
4. Committee Reports:
 - a. VE Team Report – Dave Bruse, W4DTR, reported the following:
 - i. 10 people from W1ZRV's Ham cram class passed their tests and received their licenses.
5. Kyle gave the following announcements:
 - a. GARS received a letter from Donald Lovell, KJ4RKI, the winner of the Gwinnett Amateur Radio Society Scholarship. He wanted to thank the club.
 - b. GARS will sponsor the antenna launcher contest and have a table at the Atlanta HamFest on June 5.
 - c. GARS website now has a classified section.
 - d. Chris Fowler, K4FH, would like to thank all those who helped out with the March Of Dimes walk.
6. Harold Hawkins, KD8DVY, announced a trip to MFJ Headquarters. The date has not been set but there is a poll on the GARS.org website where you can vote on when the trip should be scheduled.
7. Break
8. Paul Branson, KA4YZR, gave a presentation on the Civil Air Patrol communications.
9. Prize drawing.
10. The meeting was adjourned at 9:01 pm.

GARS officers and committee chairs

Kyle Albritton, W4KDA
President

Earl Whatley, AF4FG
Vice President

Hal Collier, W4IGE
Secretary

Ralph Pickwick, KJ4CNC
Treasurer
Apparel Manager

Sandy Jackson, KJ4DRO
Program Manager

Bill Cherepy, WB4WTN
Membership Chairman

David Adcock, KA4KKF
Webmaster
Field Day Chairman

Dorothy Jubon, N2DLJ
Public Information Officer

Norm Sckhlar, WA4ZXV
TechFest Chairman

Jim Massara, N2EST
GARzette Editor

Bill Cherepy, WB4WTN
W4GR Trustee

Eddie Foust, WD4JEM
Repeater Chairman

Mike Weathers, ND4V
WAS-Checker

Joel Barrett, W4JOL
Net Manager

Mike Swiderski, K4HBI
Technical Advisor

Dave Bruse, W4DTR
VE Team

GARS communication system

70 Cm Repeater
444.525(+) MHz
82.5 PL Tone

APRS
144.390 -- 1200 Baud
W4GR

6 Meter Repeater
53.110 (-1 MHz)
82.5 PL Tone

D-Star
WD4STR
145.060 + (1.4 MHz)
440.550 + (5 MHz)

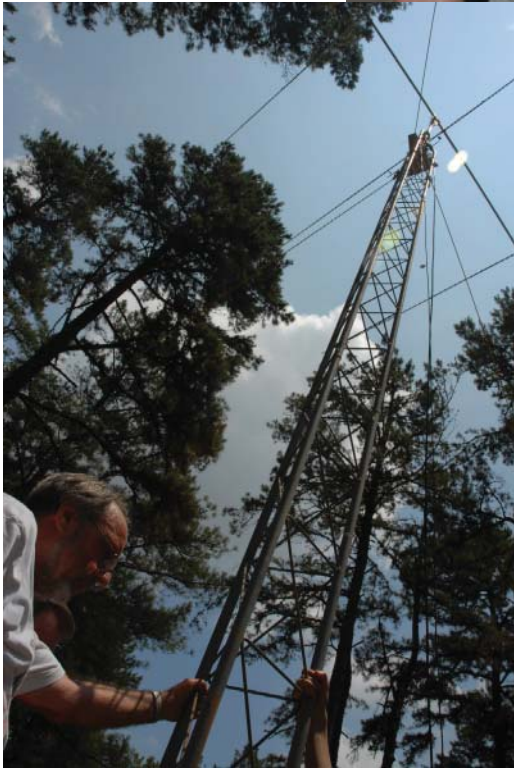
2 Meter Repeater
147.075(+) MHz
82.5 PL Tone

Main Repeater Site
Oak Street, Lawrenceville

Backup Repeater Site
Lanier Mountain, Snellville

Remote Receive Sites

ARRL Field Day is
June 26 - 27 2010
hams WILL be at
Sweetwater Park in Lawrenceville



Metro Atlanta VE Exam Schedule.

GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at www.arrl-ga.org.

First Saturday, Even Months 9 a.m.

EOC Building
Butch Nitz, AF4FS
(770) 968-8780

First Wednesday 7 p.m.

ARRL/VEC
Roberts School
4681 School Street, Acworth
Jodi Escher AG4BK
(770) 387-1591

Second Saturday, Odd Months

ARRL VEC
8:30 a.m.
Stone Mountain Methodist
Church
5312 West Mountain St.
Stone Mountain
Bob Varone, W4ETN
(770) 978-3179

Third Saturday

CA VEC
9 a.m.
Marietta First United Meth.
Church
Room 305,
56 Whitlock Ave.
Marietta
David Still, WB4RRD
(707)973-2566

Fourth Tuesday

ARRL VEC
7 p.m.
United Way Service Center
6279 Fairburn Rd.
Douglasville

We had six VEs and four applicants on April 18.

VEs present included Frank Sauciunas, KF4TQV; David Bruse, W4DTR; Bill Cherepy, WB4WTN; John Kludt, K7SYS; Royce Stovall, KD4EXY; and Brian Page, N4TRB.

Test results: one new Technician, two upgrades to General, one upgrade to Extra.

These tests are given at 3:00 p.m. on the third Sunday of every month except December.

If you want to take a test, you should bring a photo ID (e.g. driver's license, student ID, etc.), your original license (if you have one) and a copy of the license, as well as original CSCE and copy for prior elements passed. Minors must have two forms of ID and a Social Security number. Be sure to bring a pen and pencil with eraser, a calculator with its memory cleared, and an exam fee of \$14 cash (checks are not accepted). Walk-ins are welcome. No pre-registration is required.

73,

Frank Sauciunas, KF4TQV

Webmaster: Lawrenceville

Masonic Lodge No. 131

Lodge web page: <http://lvlodge131.org>

Email: kf4tqv@charter.net

<http://webpages.charter.net/kf4tqv>



Third Sunday

W5YI VEC
3-5 p.m.
Lawrenceville Masonic Lodge
465 S. Perry St.
Lawrenceville, GA 30044
(770)-963-5721

Fourth Sunday

2:30 p.m.
Georgia Tech
VanLeer Elec. Building
Rm. W218
77 Atlantic Dr.
www.w4aql.com
Alexander G. Carver

Metro Club Meetings

First Tuesday
Kennehoochee ARC
Southern Polytechnic
State University
Meeting begins at 7:30
PM
Talk In 146.880(-)

Second Monday
Georgia Tech ARC
Room W218
Van Leer Electrical
Engineering Bldg.
Georgia Tech Campus
Meeting at 7:00 PM

First Thursday
Atlanta Radio Club
Georgia Red Cross HQ
1955 Monroe Dr., Atlanta
Meeting is at 7:30 PM
Talk In -146.820(-)

N.E. Georgia ARC
Commerce Public Library
Meeting is at 6:30 PM
Talk In - 147.225(+)
PL 123.0

Second Thursday
Alford Memorial Radio Club
Annistown Road Baptist
Church
Intersection of Annistown
Rd & Spain Rd
Stone Mountain
Dinner at 6:00 PM
Meeting at 7:30 PM
Talk In - 146.760(-)

Third Tuesday
North Fulton Amateur Radio
League
Masonic Lodge
194 Milton Avenue
Alpharetta, Georgia
meeting at 7:30 PM
Talk In - 145.47(-)

Second Saturday
North GA QRP Club
Wieuca Baptist Church on
Peachtree Rd/Wieuca, 10
AM

GARS
APPAREL ORDER FORM

NAME:	PHONE #			
CALL:	(To avoid errors, please PRINT legibly)			
NAME TO BE EMBROIDERED:				
CALL SIGN TO BE EMBROIDERED:				
ITEM	SIZE	QUANTITY	PRICE	TOTAL
T-SHIRT				
	Red	WITHOUT name & call		\$20.00
	White	WITHOUT name & call		\$20.00
	Red	WITH name & call		\$20.00
	White	WITH name & call		\$20.00
GOLF SHIRT -- WITHOUT name & call				
	Red		\$24.00	
	White		\$24.00	
GOLF SHIRT -- WITH name & call				
	Red		\$28.00	
	White		\$28.00	
SWEATSHIRT				
	Red	WITHOUT name & call		\$30.00
	White	WITHOUT name & call		\$30.00
	Red	WITH name & call		\$30.00
	White	WITH name & call		\$30.00
LIGHTWEIGHT JACKET -- RED ONLY				
		WITHOUT name & call		\$31.00
		WITH name & call		\$35.00
HEAVYWEIGHT JACKET -- RED ONLY				
		WITHOUT name & call		\$41.00
		WITH name & call		\$45.00
	GARS BADGE -- WITH name & call			\$9.00
HAT -- WITHOUT name & call				
	Red		\$9.00	
	White		\$9.00	
HAT -- WITH name & call				
	Red		\$14.00	
	White		\$14.00	

TOTAL ORDER PRICE:

Please attach your check made payable to GARS and return to

Ralph Pickwick, KJ4CNC or mail to:

GARS, P.O. Box 88, Lilburn, Georgia 30048

NOTE: Please allow at least 4 weeks for delivery of items. Some items may need to be special ordered. Thanks and 73s! -- Ralph KJ4CNC

Parade Continued

from page 1

entry, filled with veterans, honoring Carmine Guerrazi, K1CFW, a long time GARS member and a veteran of the US Navy who passed away in May of 2009.

It was a challenge. The first of the participants arrived at the parking lot at 6:30 AM and the last arrived after the parade had started. Most didn't know where they were supposed to be and some had to be led by a GARS volunteer walking them to their spot. Hundreds of people drove in just to drop off a participant. At one point a police officer commented that it looked like chaos but it was organized chaos.

Many thanks are due the GARS members who volunteered. I'm sure all will tell you that it was challenging but fun. Marvin Atherton, KG4FHB and the parade organizer, was very appreciative of our help and tried to check into the Memorial Day net to thank us personally but his HT died.

Just so you'll know.

Number of Participants:

	2006 - 111
Heavy Rain	2007 - 92
	2008 - 115
	2009 - 130
	2010 - 145



Gwinnett Amateur Radio Society
PO Box 88
Lilburn, GA 30048

MEMBERSHIP APPLICATION

GARS USE ONLY

Date App Rcvd ____/____/____

Pmt Rcvd ____/____/____

Payment Amt \$ _____

Mem Appr ____/____/____

Database ____/____/____

☐ NEW MEMBER

☐ RENEWAL – Renew via PayPal at www.gars.org

Amateur Call Sign _____

License Class ☐ Novice ☐ Technician ☐ General

☐ Advanced ☐ Extra

Name _____

Address _____

City _____ State _____ Zip _____ - _____

Email address _____

Home Telephone _____

Work Telephone _____

Cell Telephone _____

Date of Birth ____/____/____(mm/dd/yy)

ARRL Member ☐ Yes ☐ No ☐ Life

Interests _____

Type of Membership

- ☐ Individual \$30.00 annually
☐ Student \$15.00 annually
☐ Senior \$15.00 annually (over age 65)
☐ Family ** \$35.00 annually

** Available for family members residing at the same address

Optional Contributions

Repeater Fund \$ _____

Scholarship Fund \$ _____

Additional Family Members **

Name _____

Date of Birth ____/____/____(mm/dd/yy)

License Class ☐ Technician ☐ General ☐ Extra

ARRL Member ☐ Yes ☐ No ☐ Life

Interests _____

Name: _____

Date of Birth ____/____/____(mm/dd/yy)

License Class ☐ Technician ☐ General ☐ Extra

ARRL Member ☐ Yes ☐ No ☐ Life

Interests _____

I agree to abide by the By-Laws of the Gwinnett Amateur Radio Society and understand that membership is subject to the approval of the Club.

Applicant Signature _____

Date ____/____/____

GWINNETT COLLISION CENTER, INC.

305 Sharon Ind. Way
Suwanee, Georgia 30024
(770) 945-0161
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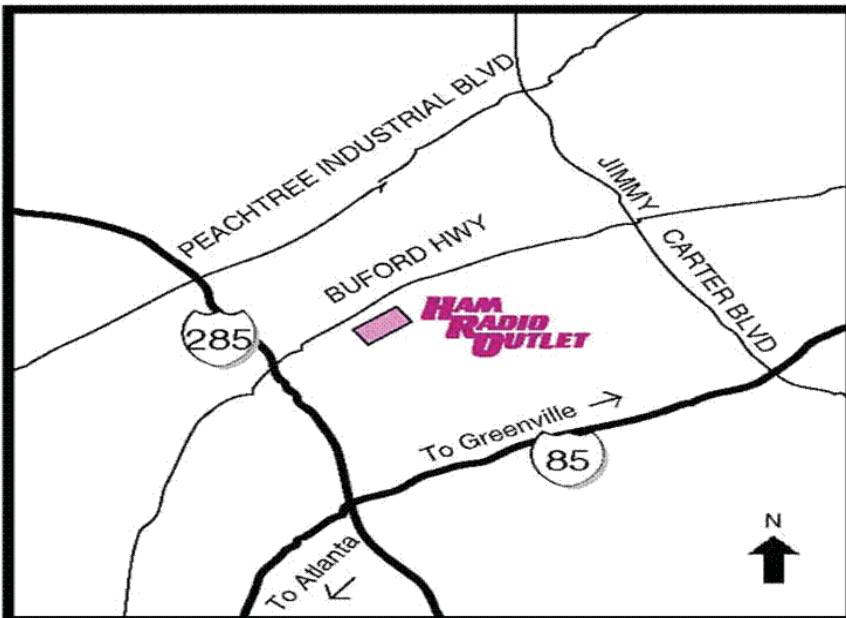
WORLD WIDE DISTRIBUTION



Mark Holmes
Manager
KJ4VO

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Fax: 770-263-9548
e-mail: atlanta@hamradio.com
hours: 10 a.m. - 5:30 p.m. Mon.-Sat.

John, KI4LMA Bill, W5RQR David, AI4XL Tom, KB4HQA
Dale, W4GCL Jim, N1ABM Josh, W4JDH Brian, WD4DX



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Yaesu
Alpha Delta
Arrow
Butternut
Create
Kenwood
Tarheel
Heil
West Mountain

Cushcraft
Diamond
Force 12
Hustler
Hy-Gain (Telex)
KLM
Larsen
M2
Valor
Van Gorden
MFJ
Ameritron
Comet

Gwinnett Amateur Radio Society
P.O. Box 88
Lilburn, GA 30048



GARS Recurring Calendar

- Monthly club meeting is the **2nd Tuesday** of the month at 7 p.m. Check the [website](#) for location.

- **Every Monday** at 8 p.m.: GARS Want, Swap, Sell, and Information Net on the GARS 2-meter repeater.

- **Every Wednesday** at 9 p.m.: GARS 6-meter net on the GARS 6-meter repeater.

- **Every Saturday** at 7:30 a.m.: GARS Weekly Family Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville.

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sharon@sharonadcock.com

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GARS Specialist
Top Negotiator
Top Agent



Helping hams with the sale and purchase of their properties takes extra time, effort and dedication. Not every agent is willing to make that commitment. Call me for when you or your friends and family are ready to make a move

References available upon request.